Author Index of Volume 37

Adcock, P. L., 201
Anahara, R., 119
Appleby, A. J., ix, 223
Appleyard, M., 189

Barnett, B. M., 15
Barton, R. T., 201
Basumallick, I. N., 411
Behl, W. K., 325
Blomen, L. J. M. J., 141
Brocco, M., 111

Cámara, E. H., 165
Capuano, F., 369
Chen, P.-H., 379
Cincotti, V., 111
Croce, F., 369

Deshpandé, S. L., 379
Di Mario, F., 111
Doelman, J., 75
Dollard, W. J., 133
Dudfield, C. D., 201

Fritz, H. P., 315
Fukutome, A., 53
Fullbier, H., 355
Furukawa, N., 347

Gibbs, C. E., 35
Gillis, E. A., 45
Glenn, D. R., 63

Harman, C. M., 363
Hart, L., 363
Herr, R., 315

Itoh, Y., 347

Jindra, J., 297, 403
Junkison, A. R., 415

Lloyd, A. C., 241
Lobitz, P., 355
Lühder, K., 355

Markin, T. L., 415
Mitchell, P. J., 201
Miyake, Y., 347
Moard, D., 265
Moseley, P. T., 415
Mrha, J., 403
Mukherjee, A., 411
Murakami, S., 347
Musilová, M., 403

Naylor, P., 201
Newbold, A., 201
Nishioka, M., 347
Nitsch, J., 271

Packer, J., 101
Patil, P. G., 171
Perone, S. P., 379
Petesch, R., 379

Plichta, E. J., 325
Prater, K. B., 181

Reiche, A., 355
Rohland, B., 271

Saito, T., 347
Sandelli, G. J., 255
Sathyanarayana, S., 335
Satomi, T., 279
Schora, F. C., 165
Scrosati, B., 369
Serfass, J. A., 63
Seymour, C. M., 155
Shibata, K., 81
Spiegel, R. J., 255
Spindler, W. C., 379
Steel, M. C. F., 35
Stein, K., 315
Strasser, K., 209
Subrahmanyam, A., 419
Suresh, M. S., 335, 419
Swart, K., 3

Taganova, A. A., 403
Teagan, W. P., 15
Turner, A. D., 415

Vellone, R., 111

Wehlan, M., 355
Wendt, H., 163, 271

Subject Index of Volume 37

Aluminium batteries
isopropoxide ion; novel depolarizer for Al batteries, 411
American fuel cell market
American fuel cell market development, 45

Ballard
solid polymer fuel cell developments at Ballard, 181
Barium
high rate molten salt cells employing $BaNiS_2$ cathodes, 325

Cadmium
impedance peaks of sealed Ni/Cd cells at low states-of-charge, 335
California
California clean air initiatives; role of fuel cells, 241
Cathodes
high rate molten salt cells employing $BaNiS_2$ cathodes, 325
Charge efficiency
effect of charge rate on instantaneous charge efficiency of Ni/H cells, 419
Charge rate
effect of charge rate on instantaneous charge efficiency of Ni/H cells, 419
City of future
fuel cells and city of future; Japanese view, 279
Clean air initiatives
California clean air initiatives; role of fuel cells, 241
Combined heat and power (CHP) applications
commercialisation of fuel cells for CHP applications, 101

Depolarizer
isopropoxide ion; novel depolarizer for Al batteries, 411

Early failure prediction
accelerated life cycling testing and analysis for early failure prediction using two types of lead/acid batteries, 363

Electric vehicle(s)
electric vehicle drive systems, 189
prospects for application of fuel cells in electric vehicles, 201
Electrolyte
new type of electrolyte for galvanic elements, 315
Electrolyte management
in phosphoric acid fuel cells, 347
Energy market
trends in energy market after World War II, 3
Energy future
role of fuel cells in our energy future, 15
Energy service
commercialization of fuel cells as partial energy service, 265
Energy system
hydrogen and fuel cells; clean energy system, 271
European opportunities
for fuel cell commercialisation, 35

Fuel cell(s)
California clean air initiatives; role of fuel cells, 241
electrolyte management in phosphoric acid fuel cells, 347
fuel cells and city of future; Japanese view, 279
hydrogen and fuel cells; clean energy system, 271
prospects for application of fuel cells in electric vehicles, 201
role of fuel cells in our energy future, 15
Fuel cell commercialisation
beyond the 'Notice of Market Opportunity for Fuel Cells' (NOMO), 63
commercialisation of fuel cells for combined heat and power (CHP) applications, 101
commercialisation of fuel cells as partial energy service, 265
European opportunities for fuel cell commercialisation, 35

gas utility approach to fuel cell commercialisation, 75
status of fuel cell R&D programme and perspectives for commercialization in Italy, 111
Fuel cell development
high temperature fuel cell development in Germany, 163
Fuel cell energy recovery
fuel cell energy recovery from landfill gas, 255
Fuel cell evaluation program
Tokyo Electric Power Company (TEPCO) fuel cell evaluation program, 81
Fuel cell market
American fuel cell market development, 45
Japanese fuel cell market projections, 53
Fuel cell program
US DOE fuel cell program for transport applications, 171
Fuel cell R&D programme
status of fuel cell R&D programme and perspectives for commercialization in Italy, 111
Fuel cell technology
fuel cell technology and innovation, 223
Fuji Electric
perspective on PAFC commercialization by Fuji Electric, 119

Galvanic elements
new type of electrolyte for galvanic elements, 315
Galvanostatic charge
impedance characteristics of sealed lead/acid cells during galvanostatic charge, 403
Gas utility approach
gas utility approach to fuel cell commercialisation, 75
Germany
high temperature fuel cell development in Germany, 163

Hydrogen
effect of charge rate on instantaneous charge efficiency of Ni/H cells, 419
hydrogen and fuel cells; clean energy system, 271

Impedance characteristics
of sealed lead/acid cells during galvanostatic charge, 403
Impedance peaks
of sealed Ni/Cd cells at low states-of-charge, 335
Iodine
modified Li–I battery, 355
Isopropoxide ion
novel depolarizer for Al batteries, 411
Italy
status of fuel cell R&D programme and perspectives for commercialization in Italy, 111

Japanese fuel cell market projections, 53
Japanese view
fuel cells and city of future; Japanese view, 279

Kinetic Technology International Group (KTI)/Mannesmann
system development and commercialisation activities of KTI/Mannesmann, 141

Landfill gas
fuel cell energy recovery from landfill gas, 255
Lead/acid batteries
accelerated life cycle testing and analysis for early failure prediction using two types of lead/acid batteries, 363
Lead/acid cells
impedance characteristics of sealed lead/acid cells during galvanostatic charge, 403
thin layer activation studies of material migration during operation of lead/acid cells, 415
Lead/acid peak-shaving battery
multivariate analysis of data from fabrication, testing and operation of large lead/acid peak-shaving battery, 379
Life cycling testing
accelerated life cycling testing and analysis for early failure prediction using two types of lead/acid batteries, 363
Lithium
Li polymer electrolyte battery; design and characterization of prototypes, 369
modified Li–I battery, 355

Material migration
thin layer activation studies of material migration during operation of lead/acid cells, 415

M-C Power
M-C Power commercialization program for MCFC power plants, 165
MCFC power plants
M-C Power commercialization program for MCFC power plants, 165
Mobile fuel cell development
mobile fuel cell development at Siemens, 209
Molten salt cells
high rate molten salt cells employing barium nickel sulfide cathodes, 325
Multivariate analysis
of data from fabrication, testing and operation of large lead/acid peak-shaving battery, 379

Nickel
effect of charge rate on instantaneous charge efficiency of Ni/H cells, 419
high rate molten salt cells employing $BaNiS_2$ cathodes, 325
impedance peaks of sealed Ni/Cd cells at low states-of-charge, 335
sealed Ni–Zn cells, 297
Notice of Market Opportunity for Fuel Cells (NOMO)
Fuel cell commercialization beyond NOMO, 63

Phosphoric acid fuel cell (PAFC)
electrolyte management in PAFCs, 347
perspective on PAFC commercialization by Fuji Electric, 119
Polymer electrolyte battery
Li polymer electrolyte battery; design and characterization of prototypes, 369
Proton exchange membrane (PEM) fuel cell
PEM fuel cell systems engineering at Vickers, Shipbuilding and Engineering Limited (VSEL), 155

Siemens
mobile fuel cell development at Siemens, 209
Solid oxide fuel cell (SOFC)
SOFC developments at Westinghouse, 133
Solid polymer fuel cell
solid polymer fuel cell developments at Ballard, 181
System development
system development and commercialisation activities by Kinetic Technology International Group (KTI)/Mannesmann, 141

Thin layer activation studies
of material migration during operation of lead/acid cells, 415
Tokyo Electric Power Company
TEPCO fuel cell evaluation program, 81
Transport applications
US DOE fuel cell program for transport applications, 171

US Department of Energy
US DOE fuel cell program for transport applications, 171

Vickers Shipbuilding and Engineering Limited (VSEL)
PEM fuel cell systems engineering at VSEL, 155

Westinghouse
solid oxide fuel cell developments at Westinghouse, 133

Zinc
sealed Ni–Zn cells, 297